

ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG  
 10 20 30 40 50 60 70  
 mouse maf cod ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG  
 human maf cod ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG  
 ACTTCGATCTGATGAAGTTTGAAGTGA AAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGC GG  
 80 90 100 110 120 130 140  
 mouse maf cod ACTTCGATCTGATGAAGTTTGAAGTGA AAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGC GG  
 human maf cod ACTTCGATCTGATGAAGTTTGAAGTGA AAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGC GG  
 CCGTCTCATCGCCGGGGGCTCGCTGTCTCCACCCCATGAGCACGCCCTGCAGCTCGGTGCCCCGTCC  
 150 160 170 180 190 200 210  
 mouse maf cod CCGTCTCATCGCCGGGGGCTCGCTGTCTCCACCCCATGAGCACGCCCTGCAGCTCGGTGCCCCGTCC  
 human maf cod CCGTCTCATCGCCGGGGGCTCGCTGTCTCCACCCCATGAGCACGCCCTGCAGCTCGGTGCCCCGTCC  
 CCCAGCTTCTCGGCGCCAGCCCGGGCTCGGGCGGCGAACAGAGGCGCACCTGGAAGACTACTACTGGA  
 220 230 240 250 260 270 280  
 mouse maf cod CCCAGCTTCTCGGCGCCAGCCCGGGCTCGGGCGGCGAACAGAGGCGCACCTGGAAGACTACTACTGGA  
 human maf cod CCCAGCTTCTCGGCGCCAGCCCGGGCTCGGGCGGCGAACAGAGGCGCACCTGGAAGACTACTACTGGA  
 TGACCGGCTACCCGCAGCAGCTGAACCCGGAGGCGCTGGGCTTCAGCCCGAGGACGCGGTTCGAGGCGCT  
 290 300 310 320 330 340 350  
 mouse maf cod TGACCGGCTACCCGCAGCAGCTGAACCCGGAGGCGCTGGGCTTCAGCCCGAGGACGCGGTTCGAGGCGCT  
 human maf cod TGACCGGCTACCCGCAGCAGCTGAACCCGGAGGCGCTGGGCTTCAGCCCGAGGACGCGGTTCGAGGCGCT  
 CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGGCCACCAGCTGGGCGCG  
 360 370 380 390 400 410 420  
 mouse maf cod CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGGCCACCAGCTGGGCGCG  
 human maf cod CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGGCCACCAGCTGGGCGCG  
 GCGGGCGGGGGCGGTCCCGGCGCTCCTTGGGCGGCGAGCGCGAGGAGATGGGCCCGCGCCGCGCGTGG  
 430 440 450 460 470 480 490  
 mouse maf cod GCGGGCGGGGGCGGTCCCGGCGCTCCTTGGGCGGCGAGCGCGAGGAGATGGGCCCGCGCCGCGCGTGG  
 human maf cod GCGGGCGGGGGCGGTCCCGGCGCTCCTTGGGCGGCGAGCGCGAGGAGATGGGCCCGCGCCGCGCGTGG  
 TGTCCGCCGTATCGCCGCGGGCGCGCGCAGAGCGGCGCGGGGCCGACTACCATCACCACCACCACCA  
 500 510 520 530 540 550 560  
 mouse maf cod TGTCCGCCGTATCGCCGCGGGCGCGCGCAGAGCGGCGCGGGGCCGACTACCATCACCACCACCACCA  
 human maf cod TGTCCGCCGTATCGCCGCGGGCGCGCGCAGAGCGGCGCGGGGCCGACTACCATCACCACCACCACCA  
 CGCCGCGGGGACCAACCACCATCCGACGGCCGGCGCGCGGGGCGCGCGGGGCGCGCGTCTTCTTCTCG  
 570 580 590 600 610 620 630  
 mouse maf cod CGCCGCGGGGACCAACCACCATCCGACGGCCGGCGCGCGGGGCGCGCGGGGCGCGCGTCTTCTTCTCG  
 human maf cod CGCCGCGGGGACCAACCACCATCCGACGGCCGGCGCGCGGGGCGCGCGGGGCGCGCGTCTTCTTCTCG  
 GGTGGCGCTGGTGGCGGGCGGGCGGTGGCCCCGGCCAGCGTTGGGGGCGGCGGGCGGGCGGGCGGGCG  
 640 650 660 670 680 690 700  
 mouse maf cod GGTGGCGCTGGTGGCGGGCGGGCGGTGGCCCCGGCCAGCGTTGGGGGCGGCGGGCGGGCGGGCGGGCG  
 human maf cod GGTGGCGCTGGTGGCGGGCGGGCGGTGGCCCCGGCCAGCGTTGGGGGCGGCGGGCGGGCGGGCGGGCG

FIGURE 1A

GGGGCGGGGGGGGGCGGGGGCGCCCTTCACCCGCACCATTCCGCGGGCGGCTGCACTTCGACGACCG

710 720 730 740 750 760 770

mouse maf cod GGGGCACTGCGGCGCGGGCGCCCTTCACCCGCACCATTCCGCGGGCGGCTGCACTTCGACGACCG

human maf cod GGGGCACTGCGGCGCGGGCGCCCTTCACCCGCACCATTCCGCGGGCGGCTGCACTTCGACGACCG

CTTCTCGACGAGCAGTTGGTGACCATGTCTGTGCGGACTTGAACCGGCAGCTGCGCGGGGTCAGCAAG

780 790 800 810 820 830 840

mouse maf cod CTTCTCGACGAGCAGTTGGTGACCATGTCTGTGCGGACTTGAACCGGCAGCTGCGCGGGGTCAGCAAG

human maf cod CTTCTCGACGAGCAGTTGGTGACCATGTCTGTGCGGACTTGAACCGGCAGCTGCGCGGGGTCAGCAAG

GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAGTCTGCCGCT

850 860 870 880 890 900 910

mouse maf cod GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAGTCTGCCGCT

human maf cod GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAGTCTGCCGCT

TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTGACCACTT

920 930 940 950 960 970 980

mouse maf cod TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTGACCACTT

human maf cod TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTGACCACTT

CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

990 1000 1010 1020 1030 1040 1050

mouse maf cod CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

human maf cod CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

AGCGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTGXXXXXXX

1060 1070 1080 1090 1100 1110 1120

mouse maf cod AACGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTG

human maf cod AACGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTG

XX

1130 1140 1150 1160 1170 1180 1190

mouse maf cod CTCGCAAGTTGGAGCCATCAGTGGGATACGCCACATTTTGAAGCCCCAGCATCGTGACTTACCAGTGT

human maf cod CTCGCAAGTTGGAGCCATCAGTGGGATACGCCACATTTTGAAGCCCCAGCATCGTGACTTACCAGTGT

XXXXXXXXXXXXXX

1200

mouse maf cod GTTCACAAATGA

human maf cod GTTCACAAATGA

FIGURE 1B

